

RADIO COMMUNICATION

Index to Volume 61 - January to December 1985

Issue	Pages	Issue	Pages	Issue	Pages	Issue	Pages
January	1-80	April	233-320	July	497-584	October	745-832
February	81-152	May	321-408	August	585-664	November	833-896
March	153-232	June	409-496	September	665-744	December	897-976
Authors							
Ashcroft, H du V, G4CCM <i>Critical study of the swr meter.</i>	186						
Austin, Brian, MSc (Eng) MIEEE, ZS6EKF <i>Computer-aided design of a multiband dipole—based on the GSRV principle.</i>	614						
Bailey, D, GBOPN <i>GB3PT, the first city repeater.</i>	361						
Braithwaite, Ian, G4COOL <i>An accurate hf power meter for the hf bands.</i>	924						
Campbell, Quentin, G4OEU <i>A survey of vhf/uhf propagation modes Parts 1-2.</i>	701, 772						
Diggle, Li Cd Ellis, G3LSD <i>The Admiral's cap.</i>	764						
Ewen, J A, CEng, MIMechE, G3HGM <i>Using resonance to measure capacitance.</i>	260						
Fare, G N, G3OGQ <i>All bands for the modern hf transceiver Parts 1-3.</i>	692, 777, 856						
Farley, R F, G3SSJ <i>The legendary Dr Mahon Loomis.</i>	102						
Fay, Dr Charles, GW4SBB <i>The voyage of GB4DS/MM in Antarctica.</i>	613						
Field, D I, G3XTT <i>The 1985 RSGB HF Convention.</i>	953						
Fry, C R, MSc, MIEE, CEng, G3NDI <i>An hf mobile antenna.</i>	106						
Grierson, M J, MRIN, AMITD, G3TSO <i>A solidstate 30W sub transceiver for 1-8MHz Parts 1-2.</i>	530, 618						
Ham, R A, BR51544 <i>Sporadic-E observations in 1984.</i>	44						
<i>Sporadic-E observations in 1985.</i>	868						
Hart, Peter, G3SIX <i>The Yaesu FT75/GX hf transceiver.</i>	351						
<i>The Trio TS430S hf transceiver.</i>	441						
Hawker, Pat, G3VA <i>Sixty Glorious Years.</i>	518						
Jones, Alan, G8WIL <i>Amateur packet radio.</i>	178						
Mellor, P, G4BIK <i>GB3PT, the first city repeater.</i>	361						
Niewiadomski, S, MSc, BRSS4049 <i>A dual-conversion multimode receive, l.f./a strip Parts 1-2.</i>	346, 434, errata 544						
Orchard, K M, TEng, MIEEieCie, G3TTC <i>Idiot-proofing the CDE Ham 3 and Ham 4 rotators.</i>	110						
Ousby, C H, G5DCL <i>A home-made tripod for microwave operation.</i>	867						
Pearson, R H, BSc (Eng) Hons, CEng, MIEE, G4PHU <i>Designing emitter followers.</i>	931						
Petters, John, G3YFZ <i>Discovering 28MHz.</i>	554						
Robinson, Peter, G3MRX <i>Amateur packet radio.</i>	178						
Stabbings, John, G4BTW <i>A modulation meter for sub.</i>	184						
Stephanie, G6PFY <i>What's wrong with women?</i>	53						
Thomson, A R, GM3AHR <i>Modifying receiving-type variable capacitors for use in transmitting applications.</i>	448						
Tubbitt, John A, G1JAT <i>A home-constructed telescopic mast.</i>	269						
Varnay, Louis, CEng, MIEE, AII, G5RV <i>An improved Z-match astat.</i>	770						
Western, Roger, G3SXW <i>Restricting hf contests.</i>	50						
Wetherhold, E E, W3NQM <i>A cw filter for the radio amateur newcomer.</i>	26						
White, Ian, G3SEK <i>Modern vhf/uhf front-end design Parts 1-4.</i>	264, 367, 445, 537						
Woods, P L, G8HZ <i>TRANAP — A transistor network analysis program.</i>	698						
Clubs							
BARTG	198, 281, 285						
BYLARA's address	766						
G QRP Club	206, 465						
Hants Raynet	341						
IPAARC	174						
MARA (UK)	429						
RAIBC changes	610						
RASOTA	22, 174, 525, 685, 918						
RINARS morse proficiency test	46						
Solihull and Chelmsley Wood Raynet Group	256						
VERON	340						
Conferences, conventions, courses, exhibitions and lectures							
G3PAO, Memorial Lecture 1985	175						
IARU Regional Conference, 1984	467						
Mecon '85	341						
Morse courses	101, 610, 686, 767						
MRUA Conference 1985	610						
North Trafford open days	256						
Raynet Symposium	256						
RMG Open Meeting	174						
RSGB HF Convention, 1985	556, 609, 641, 688, 715, 953						
RSGB Midlands VHF Convention 1985	789						
RSGB National Amateur Radio Convention 1985	195, 256, 426, 462, 554						
RSGB National VHF Convention 1985	40, 546						
Yeovil RC QRP Convention	206						
Contests, di (Rules in italic)							
Chelmsford & Colchester Qualifying Event	385, 957						
Coventry Qualifying Event	645						
Dartford Heath Qualifying Event	474						
G T Peck Memorial Trophy Event	292, 562						
Mid-Thames Qualifying Event	474						
National Final	292						
Oxford Qualifying Event	292, 562						
Salisbury Qualifying Event	562, 588						
Slade Qualifying Event	645						
South Manchester Quad Night Event	53						
South Manchester Quadruple Night Event	807						
South Manchester Qualifying Event	474, 807						
Contests, hf (overseas) (Rules in italic)							
AGCW-DL Handkey Party	795						
All Asian DX	469, 641						
All Austrian	874						
ARRL DX	127						
ARRL International DX, 1985	951						
Bermuda	203, 951						
Canada Day	469						
CARF Commonwealth Phone	285						
CO CEE 86 Award	557						
Colombian Independence	557						
CO M DX 1984	469						
CO WW DX 1983	951						
CO WW DX 1984	295						
CO WW DX 1985	378, 717						
CO WW WPX CW	286						
CO WW WPX SSB band, 1984	204						
CO WW WPX SSB Contest	46						
CO WW 160M DX	204						
DARC International Slowscan TV	574						
EA LX	266						
European DX, 1984 (CW)	641						
European DX	285						
GARG RTTY, 1985	286						
GARG SSTV, 1985	286						
Helvetia	286						
Helvetia-26, 1984	46						
Howdy Days	641						
Hungarian DX Contest	46						
IARU Radiosport Contest, 1984	378						
IARU Radiosport Championship, 1985	557						
International Police Ass'n RL	795						
IOTA SWL	795						
Keyman's Club of Japan	641						
LZ DX	641						
OK DX	127, 874						
ON	795						
PACC, 1984	127						
PACC, 1985	127, 874						
Peace to the World	376						
Scandinavian Activity	717						
Seonet	641						
SF DX	286						
TOPS Activity	874						
UBA Trophy	127						
Vigo '85 World Fishing	204						

VK/ZL/Oceania	217
Worked all Britain	127
World SSB Championship	951
Worldwide S America CW	469
YL Anniversary Party	795
YL-OM Midwinter	46
YU DX	46
25 years Electrical	874
 Contests, hf (UK) (<i>Rules in Italic</i>)	
Affiliated Societies Team, 1985	471
Affiliated Societies Team, 1986	878
BARTG Spring RTTY	53
BARTG Spring, 1985	724
BYLARA, 1985	562
Commonwealth, 1986	723
Cumulative Contests, 1985	382
CW Cumulative, 1986	878
HF Contests Championship, 1985-6	724
IARU Region 1 SSB Field Day, 1984	50
Low Power, 1985	129, 644
Low Power Field Day, 1985	473, 805
Marconi Memorial, 1984	643
National Field Day, 1985	128, 801
Region Round-up CW	289, 643
ROPOCO 1, 1985	207, 643
ROPOCO 2, 1985	561, 955
RSGB SSB Field Day/IARU Region 1 HF Phone Field Day, 1985	644
Short Wave Listener (first)	385
SWL Championship, 1984	561
1-8MHz (First), 1985	805
1-8MHz (Second), 1984	207
1-8MHz (Second), 1985	806
1-8MHz (Summer), 1985	383, 806
1-8MHz Town & County	207, 560
3-5MHz Hopscotch	471, 956
7MHz, 1985	721
7MHz, 1986	807
21MHz CW, 1984	382
21MHz CW, 1985	384
21/28MHz Telephony, 1984	291
21/28MHz Telephony, 1985	384
28MHz Cumulative, 1984	381, errata 561
28MHz Phone and CW Cumulative, 1985	722, errata 803
40th Commonwealth 1985	722
 Contests, vhf/uhf (<i>Rules in Italic</i>)	
Bylara, 1985	562
Cray Valley RS SWL	562
IARU Region 1 VHF/UHF/SHF/, 1984	958
IARU Region 1 VHF/UHF/SHF	561
IARU Region 1 VHF/UHF/SHF Listeners	561
Microwave Cumulative, 1984	291
Microwave Cumulative	289
RSGB UHF/SHF	561
Salisbury R&ES 144MHz	562
UHF 1984	52
VHF NFD 1985	289, 797
VHF/UHF Autumn RTTY, 1985	729
VHF/UHF Listeners Championships, 1984	472
70MHz Cumulative	52, 560
70MHz CW 1984	292
70MHz CW	678
70MHz Fixed	129
70MHz Fixed, 1985	645
70MHz and SWL, 1985	129, 643
70MHz Trophy and SWL, 1984	52
70MHz Trophy and SWL	561, 956
144MHz CW	52, 473
144MHz CW (November)	806
144MHz CW and Marconi Memorial, 1984	290
144MHz Fixed, 1984	383
144MHz Fixed and Affiliated Societies VHF, 1985	806
144MHz and SWL	208, 803
144MHz Low Power	474, 956
144MHz Trophy and SWL	561
144/432MHz and SWL, 1985	129, 559
432MHz Cumulative	290
432MHz Cumulative, 1985	645
432MHz CW, 1985	129, 560
432MHz Fixed	52, 382
432MHz Low Power	473, 955
432MHz Trophy and SWL	290, 805
432-24GHz	208, 804
1.296MHz Cumulative, 1984	383
1.296MHz Trophy	290, 805
1.296/2.130MHz, 1985	474, 957
1.296/2.320MHz Cumulative, 1985	645
10GHz Cumulative, 1984	290
10GHz Cumulative	289
 Licensing and band plans	
Amateur radio certificate age limit lowered	607
Amateur radio validation documents, The	100
America (USA), News from	101, 172, 429, 525, 609, 918
Australia, News from	340
Belgium, More problems in	849
Canada, News from	21
Changing your callsign?	
Class B Morse feedback	849
Class B Morse operation	632
Cost hike in Canada	341
Extension of cw novice award to Class B licences	124, 464
Morse for Class B licencees	100
Czechoslovakia, Amateur radio in	126
Duplex and Crossband	917
Maidenhead locator	711, 869, 948
Mode L in the USA	341
New licence documentation	21
PAUAA	340
Recent developments	46
Turkey, Amateur radio in	254
UK-Israel reciprocal licence	173
Who's on which band?	606
1-8MHz	606
10, 18 and 28MHz bands, The	607
24MHz	556
29MHz fm speech repeaters	849
50MHz	118, 278, 550, 631, 712, 789, 949
50MHz, A new UK amateur band	607
50MHz England/Wales	256
50MHz More activity on	20
50 and 70MHz	38, 196, 371
70MHz	950
430MHz/Syndics	798
432MHz activity	713
432MHz — a theme for 1985/86	198
 "Microwaves" technical items	
Fundamentals (7); 10-6GHz circulator	283
Fundamentals (8); 10GHz wideband equipment	551
 Miscellany	
Amateur Radio Observation Service	254, 917
Ambassador: Interference from	22, 173, 340
Arrow Electronics Ltd	917
Barcode 2 update	20
BBC fails to get site clearance	254
Cable television standards	340
Cheaper planning	850
Christmas rally, A new	766
Clubs become twins	850
Communications Bill, Interception of	524
Crunch, snap, tinkle	609
Discovery on the air	21
Dud Chips	609
DXCC	874
Expedition round-up	871
Fifty years ago	172
Gandhi, Rajiv — a profile	22
GB21WM	609
GB2SM — Thirty years at	256
GB3GD, The Isle of Man repeater	255
GB3SF news	172
G3DNQ, Key role for	100, 513, errata 174
Happy birthdays	172
Hissing Sid?	172
Hospital Radio, Help	609
IARU news	206, 524, 525, 849
Insured, Are you?	849
IAS-1	429
Mexico earthquake aftermath	916
Morse test facilities	525
Obvious, really	172
Packet radio news	100
Planning appeals	694
Power supply problems, More	849
Privatising the other?	340
"Putting the clock back 45 years"	609
Radio Fraternity Lodge of Freemasons	341
"Radio hams run higher risk of killer disease"	608
RAE	20, 22, 101, 254, 610, 685, 766, 767
Raised in the house	100, 174, 255, 340, 428, 525, 608, 684
Repeater news	21, 118, 279, 370, 458, 549, 632, 711, 787, 871, 876, 949
Round Britain trip	256
Royal visit	254
Sceptre 100 telephone	849
Scouts on the air	173
Shocking rotator	684
Shuttle(s):	
Shuttle news	524
Shuttle update	765
Sic transit gloria 405	22
Sidebands	22, 101, 174, 342, 430, 610, 685, 766, 850
Silenced in court	524
Sir Walter Raleigh	100
Spectrum abuse	612
Sporadic-E	371, 459, 632, 789
Stolen equipment	341, 429, 685, 850
Straight key evening	341
Strange but true	918
"The Beer Mat' Mk2"	430
Transceiver for the hf bands, A (errata)	429
TV repeater changes channel	524
UHF record, New	917
We dare you	850

Wireless Telegraphy Act prosecutions.....	608	
WOORE.....	100, 872	
73.....	173	
Non-technical articles		
Admiral's Cup, The.....		
Diggle, Lt Cdr Ellis, G3LSD.....	764	
Dr Mahon Loomis, The Legendary Farley, R F, G3SSJ.....	102	
G8ADIS/MM in Antarctica, The Voyage of Fay, Dr Charles, GW4SBE.....	613	
Restricting hf contests.....	50	
Western Roper, G3SXW.....		
RSGB HF Convention 1985, The Field, DI, G3XTT.....	983	
Sixty glorious years Hawker, Pat, G3VA.....	518	
Sporadic-E observations in 1984.....		
Sporadic-E observations in 1985 Ham, R A, BR515744.....	44, 888	
What's wrong with women? Stephanie, G6PFY.....	53	
Regular features		
Computing.....	122, 281, 462, 636, 791, 945	
Data Communications.....	946	
Ephemeris.....	42, 123, 201, 288, 375, 463, 553, 638, 720, 792, 877, 944	
HF Propagation Predictions.....	48, 130, 205, 287, 380, 470, 588, 642, 718, 796, 875, 955	
Members' Mailbag.....	25, 104, 177, 259, 344, 432, 528, 689, 768, 853, 922	
Microwaves.....	43, 124, 195, 283, 373, 461, 551, 634, 714, 790, 876, 942	
QRP.....	206, 464, 714, 943	
Raynet.....	42, 376, 636	
SWL News.....	41, 125, 199, 282, 374, 465, 554, 637, 719, 792, 872, 947	
The Month on the Air.....	45, 126, 202, 284, 377, 467, 555, 639, 715, 793, 873, 950	
4-2-70.....	38, 118, 196, 278, 370, 457, 548, 631, 711, 787, 869, 948	
Reviews, equipment		
Lithium batteries and rig memories.....	609	
Trio TS430S hf transceiver, The Hart, Peter, G3SIX.....	441	
Yasuu Muses FT75/GX hf transceiver, The Hart, Peter, G3SIX.....	351	
Reviews, publications		
Amateur Radio Awards.....	130	
Amateur Radio Software.....	677	
Computer Programs for Amateur Radio.....	31	
Digest of Horizontal Wire Aerials.....	715	
Guide to utility stations.....	31	
How to pass the RAE.....	205, 287, 380	
Radio amateur prefix country-zone list.....	285	
Radio Communication Handbook (5th edn).....	205, 287, 380	
RAE Manual.....	917	
Haynet Manual.....	43, 635	
The Joy of QRT — strategy for success.....	715	
World prefix map.....	130	
RSGB affairs		
Annual General Meeting, 58th RSGB.....	insert between 704 and 705	
Audio-visual library, Additions to.....	100	
Council election result, RSGB.....	21	
Council Proceedings.....	23, 175, 258, 527, 612, 766, 919	
Editorial:		
"Changing the Society".....	915	
"Class B licensees to use morse".....	19	
"Communicating information".....	763	
"Electon of members to the 1986 Council".....	848	
"Learning morse".....	339	
"Morse for Class B licensees".....	99	
"Nominations for the 1986 Council".....	605	
"RSGB user report, first reactions".....	171	
"RSGB user reports".....	19	
"Spectrum abuse — the Radio Investigation Service".....	683	
"The RSGB National Convention 1985".....	253	
"The young in amateur radio".....	517	
"Updating the Society's memorandum and articles of association".....	425	
Executive vice-President 1985, RSGB.....	684	
Members' book prices.....	100	
Memorandum and articles of association, Changes to the.....	100	
Name change for Society's headquarters.....	100	
Nominations for election to the 1986 Council of the RSGB.....	606	
Planning appeals.....	684	
Presentations at the 1984 RSGB agm.....	705	
President:		
A message from RSGB's 51st President.....	20	
A seasonal message from the Society's President.....	916	
Election of the 1985 President.....	24	
President at RAF Waddington.....	608	
President goes South.....	429	
President 1986.....	684	
Presidential Installation, 1985.....	172	
OSL Bureau.....	255, 340, 429, 524, 608, 684, 766, 849	
Raynet Committee, The.....	376	
Raynet Controllers' Net frequency.....	525	
Raynet election.....	256	
Raynet symposium.....	256	
Raynet zonal representation.....	101, 376, 608, 766	
Reduced and waived subscriptions.....	428	
Region 2 representative.....	20	
Region 2 election.....	254	
Region 2 election result.....	524	
Region 9 election.....	101	
Region 9 representative.....	254	
Region 13 representative.....	765	
Region 15 representative.....	172	
Region 18 representatives.....	172	
RMG changes.....	918	
RSGB at professional conferences.....	609	
RSGB Slow Morse practice transmissions.....	49, 366	
Scottish trophies.....	429	
Trophy news.....	766	
VAT on Members' Ads.....	340	
Technical articles		
All bands for the modern hf transceiver Parts 1-3.....		
Fare, G N, G3OGO.....	692, 777, 856	
Amateur packet radio Jones, Alan, G8WIL and Robinson, Peter, G3MRX.....	178	
CDE Ham 3 and Ham 4 rotators, Idiot-proofing the Orchard, K M, TEnq(CEI) MIRlecIE, G3TTIC.....	110	
CW filter for the radio amateur newcomer, A Wetherhold, E E, W3NQN.....	26	
Discovering 28MHz Petters, John, G3YPZ.....	854	
Emitter followers, Designing Pearson, R H, BSc (Eng) Hons, CEng, MIEEE, G4FHU.....	931	
GR3PT, the first rity repeater Bailey D, G8OPN, and Mellor, P, G4BIK.....	361	
HF mobile antenna, An Fry, C R, MSc, MIEEE, CEng, G3NDI, ex VE7ARO.....	106	
Microwave operation, A home-made tripod for Ousby, C H, G6DCL.....	867	
Modern vhf/uhf front-end design, Parts 1-4 White, Ian, G3SEK.....	264, 367, 445, 537	
Modifying receiving-type variable capacitors for use in transmitting applications Thomson, A R, GM3AHR.....	449	
Modulation meter for sub A Stubbings, John, G4BTV.....	184	
Multiband dipole, Computer-aided design of a — based on the G5RV principle Austin, Brian, MSc (Eng), MIKEE, ZS6BKW.....	614	
Multiband receiver I/d/a strip, A dual-conversion, Parts 1-2 Niewiadomski, S, MSc, BRSS4049.....	346, 434, errata 544	
RF power meter for the hf bands, An accurate Braithwaite, Ian, G4COL.....	924	
Solidstate 30W sub transceiver for 1.8 MHz, A Parts, 1-2 Grierson, M J, MRIN, AMITID, G3TSO.....	530, 618, errata 685	
SWR meter, Critical study of the Ashcroft, H D V, G4CCM.....	186	
Telescope mast, A home-constructed Tubbitt, John A, G1JAT.....	209	
TRANAP — A transistor network analysis program Woods, P L, G8HHZ.....	698	
Using resonance to measure capacitance Evans, I A, CEng, MIMechE, G3HGM.....	200, errata 429	
VHF/UHF propagation modes, A survey of Part 1-2 Campbell, Quentin, G4OEU.....	701, 772	
Z-match astu, An improved Varney, Louis, CEng, MIEEE, AIL GSRV.....	770	
Technical Topics' items		
Adhesive tapes (see Tapes, adhesive) AF filters:		
active.....	627	
simple.....	710	
AF level meter.....	543	
AF up-converter.....	861	
Amateur radio:		
art of improvisation.....	936	
cost of.....	112	
experimental tradition.....	450, 625	
first rigs.....	782	
Amplifiers, low-noise: feedback.....	456	
Antennae():		
adjusting phasing lines/stubs.....	114, 455, 784	
broadband vhf/uhf (BBC).....	542	
centre-fed, open-wire feeders.....	35, 861, 938	
"Clav" (G5XN).....	190	
corner reflector.....	863	
delta-loop, sloping.....	708, 938	
"Dipole of Delight".....	453, 938	
doublets, multiband.....	861, 938	
folded-dipole, multiband.....	190	
"GSRV", modified.....	862	
"G8ON".....	862	
height gain.....	274	
how high?.....	274	
kit, portable hf.....	37	
log-periodic, low-cost substitute.....	190	
log-pyramidal periodic.....	543	

parallel-wire elements	190	Materials, choosing (rf)	360
planar-loaded elements	190	Miniature contact breakers	941
"sleeve-dipole" element	863	Mixer, bilateral harmonic	628
trigonal reflectors	356	Mobile radio fast fading	966
vertical dipoles	455	Mobile operation, safety	276
vertical half-trap	863	Noise in receiving circuits	456
vertical monopoles	455	Oscillators:	
vertical S/A	455	ceramic resonator	937
vertical (2000)	273	crystal, stability of	452
W3EDP	35, 275	Polarity protection	709
water-loaded	708	Polarization, circular	114
window-pane (144MHz)	783	Power sources:	
Yagi, crossed	114	"alternative-energy"	34
50MHz	706	"alternative-energy" pedal	361
Antenna accessories:		Power supply units:	
self-amalgamating tape	36, 194, 454	current limiter (opto-isolator)	627
waterproofing	36	electronic test loads	193, 358, 938
Antenna feeders (see transmission lines)	451, 628	experimenters' (30V, 1A)	630
Antenna support, fishing rod	451, 628	hexiet pass device (20A)	785
Antenna tuning units:		over-voltage sensing ic	116
pi-network for balanced feeders	113	"plug-in"	964
views on	275	ripple, effects of	193
Batteries:		Printed circuit boards, making	359, 545, 860
float-charging, precautions	864	Propagation:	
high-current, using	864	forecasting	864
nicad cells, use of	626, 865	meteor-burst (50MHz)	707
Battery charger, constant-current	37	scatter (50MHz)	707
Bilateral mixer	628	Quartz crystals and holders	452
Ceramic-resonator oscillators	937	Radar, coming of	625
Chip components	188	Radiation, medical use of	865
Clandestine radio:		Radiation hazards:	
Danish "telephone-directory" net	786, 937	wrongly blamed?	708
Dutch Inland Radio Service	277, 786	Radio-frequency interference:	
Suitcase-set mystery	710	broadcaster/highpass filters	782
Coaxial reed switch, making a	116	bypass capacitors, fitting	783
Coaxial-cable plugs and sockets (BNC, PL259)	36	cable television	357
Communication modes, efficiency of	116	curing without the RIS	782
Communication theory	940	DBS receivers, to	192
Components:		EHT generators, industrial, from	113
capacitors, variable, home-made	936	ferrite-beads, fitting	783
finding	456, 860	home-computers, from	451
Computer-aided design	116	power lines, from	117
Computers, home, rf problems	451	State-of-the-art telephones, from	631
Crystal filters:		video cassette recorder, to	711
constant-K	453	Reactance tuning of vfo	32, 357, 628, 941
ladder, variable bandwidth	452	Receivers:	
signal frequency	541	AGC on BC348, hybrid	276
stemonde receivers, development of	451	digital signal processing	359
Current-limiter, opto-isolator	627	narrowband	941
Demodulator, multi-mode	115	Rockwell-Collins HF2050	359, 711
Digital receivers	359, 711	slowed-down tuning	544
Digital filters, bandpass	631	"Stenode radiostat"	451
Diplomatic hf radio	710	Receiving weak signals	540
Electric shock	33, 277	Residual current circuit breakers (see RCCBs)	
Electronics industry	540	Resonances in houses, conduits	36
Electromagnetic compatibility (emc) see		RITTY via satellite with ARQ	37
"Radio-frequency interference"		Safety:	
Experimentation and smd	189	ac mains	32
Feeders see "Transmission lines"		BS405	405
Flash-over protection:		car radio	276
electronic	193	electric shock, effects of	33, 277
metal-oxide (voltage-dependent)		Electrical Equipment (Safety) Regulations	450
varistors	939	high-energy batteries	450
Frequency modulation:		mercuric poisoning	192, 450
bandwidth of	114	power-line tragedies	117
"fm improvement"	939	radiation hazards	628
phase-lock-loop demodulation	115	spark hazards	709
threshold extension	115, 939	Standards (BS415)	192
wide-deviation	939	Self-amalgamating tapes	36, 194, 454
Front-end selectivity:		Services use of hf	356
crystal filters	541	Soldering Litz wire	860
Q-multiplier	740	Spark hazards	709
Fuses, investigating	865	Sporadic-E propagation, causes of	112
Gallium-arsenide devices and computer-aided design	116	Stenode receivers	451
Headphones, high-impedance	496	Surface-mounted devices	188, 456
HF conference at IEE	356	Surplus, MoD, for 70MHz	117
History, fleeting	709	Syringes, disposable	630, 784, 940
Home-servicing and smd	189	Tape, adhesive, aluminum	629, 783
Houses, absorption of	36	Tape, adhesive, copper	116, 360
How to improve television and radio reception (DTI)	782	Tape, plumbers pipe	360, 630
Hybrid microelectronics — the coming thing?	188	Tape, self-amalgamating	36, 194, 454
Inductance formula, simplified	114, 277	Transformers, heater, centre-tap substitutes	34
Integrated circuits for receivers	629	Transients suppression, metal-oxide varistors	939
Integrated circuits, TBA120, using the	860	Transmission lines:	
Ionosphere:		open-wire, spreaders for	630, 784
Star Wars, effect of	631	3000 balanced	113
50MHz at	706	Transmitters:	
Keyer electronic, simple	113	cartesian feedback	452
Leukaemia and radiation	628	homebrew QRP	455
Level meter, i.e.d.	543	Tuned circuit formula, simplified	114
Litz wire, soldering to	860	Ultra-violet radiation, effects of	454, 711
Main supplies:		Weak-signal reception	540
earth-neutral leakage	34	50MHz	706, 707
safety of	32		

